

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 92/02140

<b>I. CLASSIFICATION OF SUBJECT MATTER</b> (if several classification symbols apply, indicate all) <sup>6</sup>		
According to International Patent Classification (IPC) or to both National Classification and IPC		
Int.Cl. 5 C12P17/14; C07D413/12;	C07D277/34; A61K31/425;	C07D263/44; A61K31/42 C07D417/12
<b>II. FIELDS SEARCHED</b>		
Minimum Documentation Searched <sup>7</sup>		
Classification System	Classification Symbols	
Int.Cl. 5	C12P ; C07D ; A61K	
Documentation Searched other than Minimum Documentation to the extent that such Documents are included in the Fields Searched <sup>8</sup>		
<b>III. DOCUMENTS CONSIDERED TO BE RELEVANT<sup>9</sup></b>		
Category <sup>10</sup>	Citation of Document, <sup>11</sup> with indication, where appropriate, of the relevant passages <sup>12</sup>	Relevant to Claims No. <sup>13</sup>
X	CHEMICAL AND PHARMACEUTICAL BULLETIN. vol. 32, no. 9, 1984, TOKYO JP pages 4460 - 4465 TAKASHI SOHDA ET AL. 'Studies on antidiabetic agents.VI. Asymmetric transformation of (+/-)-5-[4-(1-Methylcyclohexylmethoxy)benzyl]-2,4-thiazolidinedione (Ciglitazone) with optically active 1-phenylethylamines.' see the whole document	13-17
A	EP,A,0 306 228 (BEECHAM) 8 March 1989 cited in the application see examples 3-5 see claims	1
<p><sup>10</sup> Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"A" document member of the same patent family</p>		
<b>IV. CERTIFICATION</b>		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
03 MARCH 1993	18. 03. 93	
International Searching Authority	Signature of Authorized Officer	
EUROPEAN PATENT OFFICE	DELANGHE L.L.M.	

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category *	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
A	EP,A,0 008 203 (TAKEDA) 20 February 1980 cited in the application see claims ---	1
A	EP,A,0 198 440 (KANEGAFUCHI) 22 October 1986 cited in the application see claims -----	1

**ANNEX TO THE INTERNATIONAL SEARCH REPORT  
ON INTERNATIONAL PATENT APPLICATION NO.**

GB 9202140  
SA 67612

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on  
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03/03/93

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP-A-0306228	08-03-89	AU-A- 2173888	09-03-89
		JP-A- 1131169	24-05-89
		US-A- 5002953	26-03-91
EP-A-0008203	20-02-80	JP-C- 1433701	07-04-88
		JP-A- 55022636	18-02-80
		JP-B- 62042903	10-09-87
		CA-A- 1131644	14-09-82
		US-A- 4287200	01-09-81
		US-A- 4340605	20-07-82
		US-A- 4438141	20-03-84
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		JP-B- 4068915	04-11-92
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82